

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM45236

|                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                              |  |                                                                                                                                                                                                                                                                                                                              |  |                                                                                 |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|-----------------|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other                                                                                                                                                                                                                                                                             |  |                                              |  |                                                                                                                                                                                                                                                                                                                              |  | 6. If Indian, Allottee or Tribe Name                                            |                 |
| b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv.<br>Other _____                                                                                                                                                                                                           |  |                                              |  |                                                                                                                                                                                                                                                                                                                              |  | 7. Unit or CA Agreement Name and No.                                            |                 |
| 2. Name of Operator<br>OXY USA INCORPORATED                  Contact: APRIL SANTOS<br>E-Mail: APRIL_HOOD@OXY.COM                                                                                                                                                                                                                                                                                                                        |  |                                              |  |                                                                                                                                                                                                                                                                                                                              |  | 8. Lease Name and Well No.<br>IRIDIUM MDP1 28-21 FEDERAL COM 175H               |                 |
| 3. Address   5 GREENWAY PLAZA SUITE 110<br>HOUSTON, TX 77046-0521                                                                                                                                                                                                                                                                                                                                                                       |  |                                              |  | 3a. Phone No. (include area code)<br>Ph: 713-215-7000                                                                                                                                                                                                                                                                        |  | 9. API Well No.<br><br>30-015-45333-00-S1                                       |                 |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface         Sec 33 T23S R31E Mer NMP<br>NENE 276FNL 599FEL 32.267423 N Lat, 103.776144 W Lon<br>Sec 28 T23S R31E Mer NMP<br>At top prod interval reported below      SESW 241FSL 1878FEL 32.268457 N Lat, 103.780289 W Lon<br>Sec 21 T23S R31E Mer NMP<br>At total depth      NENW 26FNL 1916FEL 32.297165 N Lat, 103.780304 W Lon |  |                                              |  |                                                                                                                                                                                                                                                                                                                              |  | 10. Field and Pool, or Exploratory<br>WC-025 G-08 S233135D-WOLFCAMP             |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                              |  |                                                                                                                                                                                                                                                                                                                              |  | 11. Sec., T., R., M., or Block and Survey<br>or Area   Sec 33 T23S R31E Mer NMP |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                              |  |                                                                                                                                                                                                                                                                                                                              |  | 12. County or Parish<br>EDDY                                                    | 13. State<br>NM |
| 14. Date Spudded<br>08/30/2019                                                                                                                                                                                                                                                                                                                                                                                                          |  | 15. Date T.D. Reached<br>10/26/2019          |  | 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>01/22/2020                                                                                                                                                                                                        |  | 17. Elevations (DF, KB, RT, GL)*<br>3403 GL                                     |                 |
| 18. Total Depth:<br>MD TVD<br>22470 11557                                                                                                                                                                                                                                                                                                                                                                                               |  | 19. Plug Back T.D.:<br>MD TVD<br>22382 11555 |  | 20. Depth Bridge Plug Set:<br>MD TVD                                                                                                                                                                                                                                                                                         |  |                                                                                 |                 |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>GAMMARAY                                                                                                                                                                                                                                                                                                                                                         |  |                                              |  | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Directional survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) |  |                                                                                 |                 |

## 23. Casing and Liner Record (Report all strings set in well)

[illegible]

## 24. Tubing Record

| Size  | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 11.318         |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

## 26. Perforation Record

| Formation   | Top   | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|-------------|-------|--------|---------------------|-------|-----------|--------------|
| A) WOLFCAMP | 12168 | 22347  | 12168 TO 22347      | 0.370 | 1216      | ACTIVE       |
| B)          |       |        |                     |       |           |              |
| C)          |       |        |                     |       |           |              |
| D)          |       |        |                     |       |           |              |

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material                                                       |
|----------------|-----------------------------------------------------------------------------------|
| 12168 TO 22347 | FRAC'D WITH 435720 BBLS SLICKWATER, 25536408 LBS SAND AND 4800 BBLS HCL 7.5% ACID |
|                |                                                                                   |
|                |                                                                                   |

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28. Production - Interval A

|                                   |                         |                       |                                                                                                        |                   |                   |                     |                          |                    |                                      |
|-----------------------------------|-------------------------|-----------------------|--------------------------------------------------------------------------------------------------------|-------------------|-------------------|---------------------|--------------------------|--------------------|--------------------------------------|
| Date First Produced<br>01/23/2020 | Test Date<br>02/12/2020 | Hours Tested<br>24    | Test Production<br> | Oil BBL<br>3436.0 | Gas MCF<br>9849.0 | Water BBL<br>6351.0 | Oil Gravity<br>Corr. API | Gas Gravity        | Production Method<br>FLOWS FROM WELL |
| Choke Size<br>40/128              | Tbg. Press.<br>Flwg. SI | Csg. Press.<br>2110.0 | 24 Hr. Rate<br>     | Oil BBL<br>3436   | Gas MCF<br>9849   | Water BBL<br>6351   | Gas:Oil Ratio<br>2866    | Well Status<br>POW |                                      |

## 28a. Production - Interval B

| Date First Produced | Test Date                  | Hours Tested   | Test Production<br> | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|----------------|--------------------------------------------------------------------------------------------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg.<br>Press. | 24 Hr.<br>Rate<br>  | Oil BBL | Gas MCF | Water BBL | Gas:Oil<br>Ratio         | Well Status |                   |

(See Instructions and spaces for additional data on reverse side)

**ELECTRONIC SUBMISSION #522044 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

## 28b. Production - Interval C

| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |

29. Disposition of Gas(*Sold, used for fuel, vented, etc.*)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

| Formation       | Top   | Bottom | Descriptions, Contents, etc. | Name          | Top<br>Meas. Depth |
|-----------------|-------|--------|------------------------------|---------------|--------------------|
| BELL CANYON     | 4291  | 5202   | OIL, GAS, WATER              | RUSTLER       | 491                |
| CHERRY CANYON   | 5202  | 6466   | OIL, GAS, WATER              | SALADO        | 843                |
| BRUSHY CANYON   | 6466  | 8122   | OIL, GAS, WATER              | CASTILE       | 2782               |
| BONE SPRINGS    | 8122  | 9230   | OIL, GAS, WATER              | LAMAR         | 4267               |
| BONE SPRING 1ST | 9230  | 9810   | OIL, GAS, WATER              | BELL CANYON   | 4291               |
| BONE SPRING 2ND | 9810  | 11097  | OIL, GAS, WATER              | CHERRY CANYON | 5202               |
| BONE SPRING 3RD | 11097 | 11736  | OIL, GAS, WATER              | BRUSHY CANYON | 6466               |
| WOLFCAMP        | 11736 |        | OIL, GAS, WATER              | BONE SPRINGS  | 8122               |

32. Additional remarks (include plugging procedure):  
52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRINGS - 9230'M  
2ND BONE SPRINGS - 9810'M  
3RD BONE SPRINGS - 11097'M  
WOLFCAMP - 11736'M

LOGS ATTACHED IN EDOCS 4/21/2020.

## 33. Circle enclosed attachments:

- |                                                       |                    |               |                       |
|-------------------------------------------------------|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #522044 Verified by the BLM Well Information System.**

**For OXY USA INCORPORATED, sent to the Carlsbad**

**Committed to AFMSS for processing by DINAH NEGRETE on 08/13/2020 (20DCN0115SE)**

Name (*please print*) APRIL SANTOS

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 07/16/2020

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**Additional data for transaction #522044 that would not fit on the form**

**32. Additional remarks, continued**

LOG HEADER, DIRECTIONAL SURVEY, AS-DRILLED AMENDED C-102 PLAT & WBD ARE ATTACHED

\*\*\*\* THIS AMENDS THE PREVIOUSLY FILED EC# 512035 \*\*\*\*

## Revisions to Operator-Submitted EC Data for Well Completion #522044

|                                   | Operator Submitted                                                                                                                    | BLM Revised (AFMSS)                                                                                                                |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Lease:                            | NMNM45236                                                                                                                             | NMNM45236                                                                                                                          |
| Agreement:                        |                                                                                                                                       |                                                                                                                                    |
| Operator:                         | OXY USA INC.<br>5 GREENWAY PLAZA SUITE 110<br>HOUSTON, TX 77046-0521<br>Ph: 713-215-7000                                              | OXY USA INCORPORATED<br>5 GREENWAY PLAZA SUITE 110<br>HOUSTON, TX 77046-0521<br>Ph: 713.350.4816                                   |
| Admin Contact:                    | APRIL SANTOS<br>REGULATORY SPECIALIST<br>E-Mail: APRIL_HOOD@OXY.COM<br><br>Ph: 713-366-5771                                           | APRIL SANTOS<br>REGULATORY SPECIALIST<br>E-Mail: APRIL_HOOD@OXY.COM<br><br>Ph: 713-215-7000                                        |
| Tech Contact:                     | APRIL SANTOS<br>REGULATORY SPECIALIST<br>E-Mail: APRIL_HOOD@OXY.COM<br><br>Ph: 713-366-5771                                           | APRIL SANTOS<br>REGULATORY SPECIALIST<br>E-Mail: APRIL_HOOD@OXY.COM<br><br>Ph: 713-215-7000                                        |
| Well Name:<br>Number:             | IRIDIUM MDP1 28-21 FEDERAL COM<br>175H                                                                                                | IRIDIUM MDP1 28-21 FEDERAL COM<br>175H                                                                                             |
| Location:                         |                                                                                                                                       |                                                                                                                                    |
| State:                            | NM                                                                                                                                    | NM                                                                                                                                 |
| County:                           | EDDY                                                                                                                                  | EDDY                                                                                                                               |
| S/T/R:                            | Sec 33 T23S R31E Mer NMP                                                                                                              | Sec 33 T23S R31E Mer NMP                                                                                                           |
| Surf Loc:                         | NENE 276FNL 599FEL 32.267423 N Lat, 103.776144 W Lon                                                                                  | NENE 276FNL 599FEL 32.267423 N Lat, 103.776144 W Lon                                                                               |
| Field/Pool:                       | WC015G08 233135D;WOLFCAMP                                                                                                             | WC-025 G-08 S233135D-WOLFCAMP                                                                                                      |
| Logs Run:                         | GAMMA RAY                                                                                                                             | GAMMARAY                                                                                                                           |
| Producing Intervals - Formations: | WOLFCAMP                                                                                                                              | WOLFCAMP                                                                                                                           |
| Porous Zones:                     | BELL CANYON<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRINGS<br>1ST BONE SPRINGS<br>2ND BONE SPRINGS<br>3RD BONE SPRINGS<br>WOLFCAMP | BELL CANYON<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRINGS<br>BONE SPRING 1ST<br>BONE SPRING 2ND<br>BONE SPRING 3RD<br>WOLFCAMP |
| Markers:                          | RUSTLER<br>SALADO<br>CASTILLE<br>LAMAR<br>BELL CANYON<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPINGS                                | RUSTLER<br>SALADO<br>CASTILE<br>LAMAR<br>BELL CANYON<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRINGS                             |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 16612

**CONDITIONS OF APPROVAL**

|              |             |               |                      |        |       |                |       |              |           |
|--------------|-------------|---------------|----------------------|--------|-------|----------------|-------|--------------|-----------|
| Operator:    | OXY USA INC | P.O. Box 4294 | Houston, TX772104294 | OGRID: | 16696 | Action Number: | 16612 | Action Type: | C-105     |
| OCD Reviewer |             |               |                      |        |       |                |       |              | Condition |
| plmartinez   |             |               |                      |        |       |                |       |              | None      |